Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 12 Feb 2024 until 23:59 on Tuesday 13 Feb 2024

Forecast Issued on Monday 12 Feb 2024 at 02:06

Confidence: Generally high confidence in unsettled conditions, becoming low on detail by Wednesday.

Headline for Monday 12 Feb 2024: Patchy cloud with sunny or clear spells, showers at times, wintry on hill tops.

Mountain weather hazards on Monday 12 Feb 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
High Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers (night)	Sunny intervals	Sunny intervals	Sleet showers	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	20%	20%	40%	30%	10%

Forecast for Monday 12 Feb 2024

Weather: Showers, wintry above around 600m, clearing during the first part of the morning to leave patchy cloud and sunny spells for much of the day. Further scattered showers later in the afternoon, wintry above 800m, skies mostly clearing during the evening.

Chance of cloud-free hill tops above 800m: 80%, reducing to 40% on shower bands

Low cloud and visibility: Few or scattered cloud base 500-700m, becoming broken for a time in association with showers. Visibility generally good but reducing to moderate or poor in showers and hill fog.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 12 Feb 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	33/38 W	32/38 W	27/35 SW	33/42 SW	41/52 SW	33/42 SW	30/38 SW
600	26/33 W	27/35 W	24/33 SW	28/38 SW	35/47 SW	27/37 W	25/34 SW
300	10/28 W	12/28 W	11/27 SW	12/31 SW	15/37 SW	11/30 W	10/28 SW
Valley	10/28 W	10/25 W	12/26 SW	13/29 SW	16/35 SW	11/28 W	11/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-10	-2/-11	-2/-10	-2/-10	-1/-10	-2/-10	-2/-10
600	0/-7	0/-7	1/-6	1/-7	1/-7	1/-7	0/-7
300	2/-2	3/-2	4/-0	4/-0	3/-1	3/-1	3/-1
Valley	4/1	5/2	6/2	6/3	6/2	5/2	6/2
Freezing Level*	700m	600m	600m	700m	800m	700m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling very cold at height, be prepared with appropriate layers.

Forecast for Tuesday 13 Feb 2024

Weather: Dry with sunny spells and patchy cloud through the morning. Turning increasingly cloudy into the afternoon with rain following behind late afternoon and during the evening, this mostly light.

Maximum wind: West to southwesterly 10-15 mph gusting 25-30 mph, turning southerly later

Chance of cloud-free hill tops above 800m: 80%, reducing to 30% by late afternoon and 10% into the evening

Low cloud and visibility: Few cloud base 600-800m during the morning, becoming scattered or broken 500-700m during the afternoon and broken or overcast 400-600m by late evening. Visibility generally good, reducing moderate or poor in rain and hill fog later.

Temperature: **Valleys:** Plus 3 rising to plus 7 Celsius
At 800m: Minus 1 rising to plus 2 Celsius
Freezing level: 800m, rising above summits later in the afternoon

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 11 February. Location: Helvellyn summit at 13:30. Temperature: plus 0.1°C. Maximum wind speed 24.1mph. Wind chill: minus 8.5°C. Average wind speed: 22.0mph. Full report: A mild frost overnight gave way to another fine day on the fells before cloud & drizzle arrived in late afternoon. The patchy new snow which fell last Thursday can be found above 600m on west through north to east aspects and is slowly thawing at all levels . However many areas including the Helvellyn plateau, southerly aspects, popular paths and the crests of the Helvellyn Edges are now clear. Caution is still required on Striding & Swirral Edges as many of the 'easier' paths on the flanks are still banked out with snow especially on northern aspects. There are a few areas of older snow above 900m of steep north through east facing aspects which require ice axe and crampons to cross but these shouldn't cause any hazard for walkers on popular routes. Ice was continuing to form on the east face of Helvellyn but the turf isn’t frozen and no climbing routes are currently in. Microspikes and trekking poles or an ice axe are strongly recommended for anyone heading onto the summits giving you plenty of options for dealing with the wide variety of underfoot conditions that currently exist. The freezing level is forecast to drop this evening which will quickly refreeze the saturated snow giving far more serious conditions on which spikes will be essential. Snow showers are also forecast. Despite the appearance of spring in the valleys full winter clothing is still required to enjoy the fells in comfort and safety. The very minimum should include a waterproof top & bottoms, warm layers, hats and gloves, a map & compass, headtorch and boots with plenty of grip.

Issued at: 02:06 on Mon 12 Feb 2024

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